

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspib.gov



CONFIRMATION NO. 2570

Bib Data Sheet									
SERIAL NUMBEF 10/653,208	FILING DATE 09/03/2003 RULE	CLASS 323		GROUP ART UNIT 2838		ATTORNEY DOCKET NO. R2180.0176/P176			
APPLICANTS									
Katsuhiko Ma	nabe, Hyogo-ken, JAPAN;								
Minoru Sugiya	oh, Osaka-fu, JAPAN; ama, Hyogo-ken, JAPAN;Mako da, Hyogo-ken, JAPAN;	oto Matsus	hima, Hyogo-ker	n, JAPA	N;		٠		
** CONTINUING DATA **********************************									
** FOREIGN APPLICATIONS ************************************									
IF REQUIRED, FORI ** 11/22/2003	EIGN FILING LICENSE GRAN	ITED				,			
Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged Examiner's Signature Initials			STATE OR	SHEETS		то	TAL	INDEPENDENT	
			COUNTRY JAPAN	DRAWING 7			AIMS 9	CLAIMS 3	
ADDRESS 24998 DICKSTEIN SHAPIR 2101 L Street, NW Washington,DC 20037	O MORIN & OSHINSKY LLP								
TITLE DC converter with ha	It mode setting means								
					All Fees				
		S: Authority has been given in Paper to charge/credit DEPOSIT ACCOUNT				1.16 Fees (Filing)			
FILING FEE F	EES: Authority has been giver o to charge/credit					1.17 Fees (Processing Ext. of time)			